

SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

Attorney Docket No.

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Serial No.

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Applicant

Ausubel et al.

Filing Date

January 30, 2001

Group

1645

IDS Filed

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Customer Number

21559

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)

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U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
J. Tuv	5,143,854	09/01/92	Pirung et al.	436	518	3/7/1990

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
J. Tuv	WO 92/10092	06/25/92	PCT	A01N	1/02	yes.
✓	EP 0 332 435 B2	10/13/99	Europe	C12A	1/68	yes.

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

J. Tuv	✓	Cha et al., "Mismatch Amplification Mutation Assay (MAMA): Application to the c-H-ras Gene" <i>PCR Methods and Applications</i> 2:14-20 (1992)
	✓	Chang et al., "Multiplex Mutagenically Separated PCR: Diagnosis of β -Thalassemia and Hemoglobin Variants" <i>BioTechniques</i> 22:520-527 (1997)
	✓	Chee et al., "Accessing Genetic Information with High-Density DNA Arrays" <i>Science</i> 274:610-614 (1996)
	✓	Cheng et al., "Chip PCR. II. Investigation of Different PCR Amplification Systems in Microfabricated Silicon-Glass Chips" <i>Nucleic Acids Research</i> 24:380-385 (1996)
	✓	Devos et al., "The Use of Random Amplified Polymorphic DNA Markers in Wheat" <i>Theor. Appl. Genet.</i> 84:567-572 (1992)
		Dietrich et al., "A Genetic Map of the Mouse Suitable for Typing Intraspecific Crosses" <i>Genetics</i> 131:423-447 (1992)
		Dietrich et al., "Mapping the Mouse Genome: Current Status and Future Prospects" <i>Proc. Natl. Acad. Sci. USA</i> , 92:10849-10853 (1995)
	✓	Ferrie et al., "Development, Multiplexing, and Application of ARMS Tests for Common Mutations in the CFTR Gene" <i>Am. J. Human Genetics</i> 51:251-262 (1992)
		Fodor et al., "Light-Directed, Spatially Addressable Parallel Chemical Synthesis" <i>Science</i> 251:767-773 (1991)
	✓	Guyer et al., "How is the Human Genome Project Doing, and What Have We Learned So Far" <i>Proc. Natl. Acad. Sci. USA</i> 92:10841-10848 (1995).
	✓	Huang et al., "Extension of Base Mispairs by TAQ DNA Polymerase: Implications for Single Nucleotide Discrimination in PCR" <i>Nucleic Acids Research</i> 20:4567-4573 (1992)
J. Tuv	✓	Kwok et al., "A Guide to the Design & Use of Mismatched and Degenerate Primers" <i>PCR Methods and Applications; Manual Supplement</i> S39-S47 (1994)

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[Signature]

DATE CONSIDERED

12/10/2001

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

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Sheet 2 of 2

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(MODIFIED) PATENT AND TRADEMARK OFFICE

Attorney Docket No. 00786/362002
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

J. Turg	Kwok et al., "Effects of Primer-template Mismatches on the Polymerase Chain Reaction: Human Immunodeficiency Virus Type 1 Model Studies" <i>Nucleic Acids Research</i> 18:999-1005 (1990)	
	Li et al., "Direct Electrophoretic Detection of the Allelic State of Single DNA Molecules in Human Sperm by Using the Polymerase Chain Reaction" <i>Proc. Natl. Acad. Sci USA</i> 87:4580-4584 (1990)	
	Lipshutz et al., "Using Oligonucleotide Probe Arrays To Access Genetic Diversity" <i>BioTechniques</i> 19:442-447 (1995)	
	Newton et al., "Analysis of any Point Mutation in DNA. The Amplification Refractory Mutation System (ARMS)" <i>Nucleic Acids Research</i> 17:2503-2516 (1989)	
	Pease et al., "Light-Generated Oligonucleotide Arrays for Rapid DNA Sequence Analysis" <i>Proc. Natl. Acad. Sci. USA</i> 91:5022-5026 (1994)	
	Riedy et al., "Excess of Non-Parental Bands in Offspring from Known Primate Pedigrees Assayed Using RAPD PCR" <i>Nucleic Acids Research</i> 20:918 (1992)	
	Schena et al., "Parallel Human Genome Analysis: Microarray-Based Expression Monitoring of 1000 Genes" <i>Proc. Natl. Acad. Sci. USA</i> 93:10614-10619 (1996)	
	Schena et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Micorarray" <i>Science</i> 270:467-470 (1995)	
	Southern, "DNA Chips: Analysing Sequence by Hybridization to Oligonucleotides on a Large Scale" <i>Trends in Genetics</i> 12:110-115 (1996)	✓
	Sommer et al., "PCR Amplification of Specific Alleles (PASA) is a General Method for Rapidly Detecting Known Single-Base Changes" <i>BioTechniques</i> 12:82-87 (1992)	✓
	Ugozzoli et al., "Allele-Specific Polymerase Chain Reaction" <i>METHODS: A Companion to Methods in Enzymology</i> 2:42-48 (1991)	✓
	Vos et al., "AFLP: A New Technique for DNA Fingerprinting" <i>Nucleic Acids Research</i> 23:4407-4414 (1995)	✓
	Wenham et al., "Analysis of Apolipoprotein E Genotypes by the Amplification Refractory Mutation System" <i>Clinical Chemistry</i> 37:241-244 (1991)	✓
J. Turg	Williams, et al., "DNA Polymorphisms Amplified by Arbitrary Primers are Useful as Genetic Markers" <i>Nucleic Acids Research</i> 18: 6531-6535 (1990)	✓

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DATE CONSIDERED

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